

CLAIMS

What is claimed is:

1 1. A system adapted to manage a plurality of calls, including a first
2 selected call, comprising:

3 a first node including a memory for receiving a message announcing a
4 through-connection for the first selected call and recording a record of the first selected call
5 including an indication of the through-connection for the first selected call in the memory;
6 and

7 a second node for making the through connection for the first selected call in
8 electronic communication with the first node.

1 2. The system of Claim 1, wherein the first node is a media gateway
2 controller and the second node is a media gateway.

1 3. The system of Claim 1, wherein the message announcing the through
2 connection for the first selected call is a NOTIFY message.

1 4. The system of Claim 1, wherein the indication of the through
2 connection for the first selected call in the record of the first selected call is a set flag.

1 6. The system of Claim 5, wherein the second node is for sending a
2 message announcing a single call outage for the first selected call to the first node, and
3 wherein the message announcing the single call outage for the first selected call is a NOTIFY
4 message.

1 7. A method of using a first node including a memory to manage a
2 plurality of calls maintained by a second node, comprising the steps of:
3 connecting a first call selected from the plurality of calls to provide a first call
4 through-connection at the second node;
5 receiving a message at the first node announcing the first call through
6 connection at the second node; and
7 recording a first record of the first call including an indication of the first call
8 through-connection at the second node in the memory of the first node.

1 8. The method of Claim 7, further including the steps of:
2 detecting a second call during a setup phase; and
3 recording a second record of the second call in the memory of the first node
4 without an indication of the second call through connection at the second node.

1 9. The method of Claim 7, further including the step of:
2 searching the memory for the first record of the first call.

1 10. The method of Claim 7, wherein the second node includes a plurality
2 of resources, and wherein at least one resource selected from the plurality of resources is
3 dedicated to the first call, further including the steps of:
4 receiving a message at the first node announcing a single call outage for the
5 first call; and
6 releasing the at least one resource.

1 11. The method of Claim 10, wherein the at least one resource is a
2 software program module resource.

1 12. The method of Claim 10, wherein the message announcing the single
2 call outage is a NOTIFY message.

1 13. The method of Claim 7, further including the steps of:
2 detecting a second call selected from the plurality of calls during a second
3 setup phase;
4 recording a second record in the memory of the second call without an
5 indication of a second call through connection;
6 receiving a message at the first node announcing a restart operation within the
7 second node;
8 examining the first record of the first call and the second record of the second
9 call;
10 determining that the second record of the second call does not include the
11 indication of the second call through connection; and
12 releasing the second call.

1 14. The method of Claim 11, wherein the message announcing the restart
2 operation is a SERVICE CHANGE message.

1 15. The method of Claim 11, wherein the restart operation is initiated due
2 to detecting a fault within the second node during a setup phase of an undetermined at least
3 one of the plurality of calls.

1 16. The method of Claim 7, wherein the first node is a media gateway
2 controller and the second node is a media gateway.

1 17. The method of Claim 7, wherein the message announcing the first call
2 through-connection is a NOTIFY message.

1 18. The method of Claim 7, wherein the indication of the first call
2 through-connection in the first record of the first call is a set flag.

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